

***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: Ole SIBBESEN et al.

Title: PROTEINS

Appl. No.: To be assigned

Filing Date: 06/25/2001

Examiner: Unassigned

Art Unit: Unassigned

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Submitted herewith on Form PTO-1449 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3)

th of the date of the national stage as set forth in 37 CFR §1.401

**RELEVANCE OF EACH DOCUMENT**

Any document listed on the attached PTO-1449 was cited as being relevant during the prosecution of the corresponding International application. A copy of the International Search Report is attached setting forth the portion of each document considered relevant by the examiner. All of the documents are in English.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

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By

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Date June 25, 2001

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Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 078883-0132		SERIAL NO. 097889155 To be assigned	
INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)				APPLICANT  Ole SIBBESEN			
				FILING DATE  June 25, 2001		GROUP ART UNIT  Unassigned	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	A1	5,405,769	04/11/1995	Campbell et al.	435	200	
	A2	5,306,633	04/26/1994	Gottschalk et al.	435	200	
FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATIO N YES NO
	A3	0 828 002	03/11/1998	Europe			
	A4	0 979 830	02/16/2000	Europe			
	A5	95/23515	09/08/1995	WIPO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	A6	McLAUCHLAN, W. Russell et al., "A novel class of protein from wheat which inhibits xylanases1", <i>Biochem. J.</i> , 338, ©1999 Biochemical Society, pp. 441-446, (1999)					
	A7	DEBYSER, W. et al., "Triticum aestivum Xylanase Inhibitor (TAXI), a New Class of Enzyme Inhibitor Affecting Breadmaking Performance", <i>Journal of Cereal Science</i> , 30, ©Academic Press, pp. 39-43, (1999)					
	A8	PAICE, Michael G. et al., "A xylanase gene from <i>Bacillus subtilis</i> : nucleotide sequence and comparison with <i>B. pumilus</i> gene", <i>Arch Microbiol.</i> , 144, © Springer-Verlag 1986, pp. 201-206, (1986)					
	A9	WOLF, Monika et al., "Genes encoding xylan and $\beta$ -glucan hydrolysing enzymes in <i>Bacillus subtilis</i> : characterization, mapping and construction of strains deficient in lichenase, cellulase and xylanase", <i>Microbiology</i> , 141, pp. 281-290, (1995)					
	A10	YU, Ju-Hyun et al, "Nucleotide Sequence and Analysis of a Xylanase gene ( <i>xynS</i> ) from Alkali-tolerant <i>Bacillus</i> sp. YA-14 and Comparison with Other Xylanases", <i>Journal of Microbiology and Biotechnology</i> , Vol. 3, No. 3, pp. 139-145, (1993)					
EXAMINER				DATE CONSIDERED			

\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to

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INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)				APPLICANT Ole SIBBESEN			
				FILING DATE June 23, 2001		GROUP ART UNIT Unassigned	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	A11	YANG, Robert C. et al., "Nucleotide sequence of a Bacillus circulans xylanase gene", <u>Nucleic Acids Research</u> , Vol. 16, Number 14, ©IRL Press Limited, p. 7187, (1988)					
	A12	ROUAU, X. et al., "Evidence for the Presence of a Pentosanase Inhibitor in Wheat Flours", <u>Journal of Cereal Science</u> , 28, ©1998 Academic Press, pp. 63-70, (1998)					
	A13	DEBYSER, Winok et al., "Arabinoxylan Solubilization and Inhibition of the Barley Malt Xylanolytic System by Wheat During Mashing with Wheat Wholemeal Adjunct: Evidence for a New Class of Enzyme Inhibitors in Wheat", <u>J. Am Soc. Brew. Chem.</u> , 55(4), pp. 153-166, (1997)					
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.							